ACME-HSF
SCSI ADAPTER

INTRODUCTION

The HSF is a SCSI floppy drive adapter for IBM PC/AT or compatibles.

FEATURES

- Interfaces with IBM PC/AT or compatibles.
- Does not require host I/O space & DMA channels.
- Supports internal and external SCSI connection ports.
- Transfers data up to 2.0 megabytes per second.
- Controls up to 7 SCSI devices.
- Supports low level format utility
- Controls floppy types of 360K, 720K, 1.2M, and 1.44M.

JUMPER SETTINGS

Refer to **Figure 1** to configure your system.

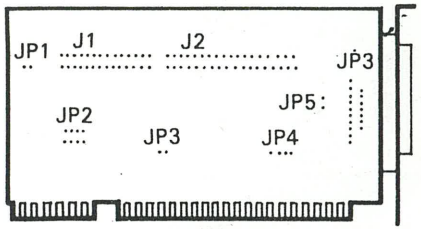

Figure 1

JP1-SCSI Bus Activity Connector
JP2-IREQ Selection

15 12 11 10 3 5 ←IREQ Channels
(Factory setting IREQ 5)

JP3-Enable/Disable On Board Floppy controller
- •-• Enable (Factory Setting)
- • • Disable

JP4-Address Selection
- • • • •←CA000H
- •-• • •←C8000H
- • • •-•←CE000H
- •-• •-•←DE000H (Factory Setting)

JP5-Zero wait state selection
- •-•←Zero wait state
- • •←Enable wait state (Factory setting)

J1- Floppy Drive Connector.
J2- 50-pin Connector for the Connection of an Internal SCSI Devices.

J3- 25-pin D-type Connector for the Connection of External SCSI Devices.

NOTE: Check the pin definition before connecting external drives

Signal	Pin of J2	Pin of J3
-DB0	2	14
-DB1	4	2
-DB2	6	15
-DB3	8	3
-DB4	10	16
-DB5	12	4
-DB6	14	17
-DB7	16	5
-DBP	18	18
TERMPWR	26	9
-ATN	32	20
-BSY	36	23
-ACK	38	22
-RST	40	10
-MSG	42	21
-SEL	44	7
-C/D	46	11
-REQ	48	24
-I/O	50	12

CABLE CONNECTION

Refer to **Diagram 1** to install the HSF.

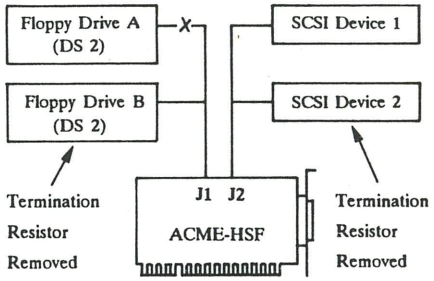

Diagram 1

SCSI HDD INSTALLATION

1. Set the hard disk type to "0" in the system CMOS RAM;
2. Install HDD with softwares:
   - 2.1 Method 1
     - ◇ ~~low-level format:~~
       ~~enter **DOS DEBUG**~~
       ~~**G = base address: 6** (This utility only support SCSI HDD).~~
     - ◇ load and execute the **FDISK** and **FORMAT** program.
   - 2.2 Method 2
     - ◇ Use **DISK MANAGEMENT**
   - 2.3 Method 3
     - ◇ Use **SPEED STORAGE**